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## TO:

Commissioner for Patents  
Attn: Charles W. Stewart Jr.  
P.O. Box 1450  
Alexandria, VA 22313-1450

## FROM:

Ralph D'Alessandro  
Reg. No. 28,838  
Attorney for Applicants

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## Documents Transmitted:

Amendment Transmittal, 2 pages;

Amendment, 19 pages.

## Applicant(s):

Varnon et al.

## Appl. No.:

09/970,956

## Filed:

October 3, 2001

## Group Art Unit:

2853

## Examiner:

Charles W. Stewart Jr.

## 3D Systems Docket No.:

USA.229

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A handwritten signature in cursive script, appearing to read 'Carolyn Moore', written over a horizontal line.  
Carolyn Moore

Date: November 2, 2004

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PATENT  
USA.229

## AMENDMENT TRANSMITTAL LETTER (Small Entity)

Applicant(s): Varnon et al. Examiner: Charles W. Stewart Jr.  
 Application No.: 09/970,956 Customer No.: 22514  
 Filing Date: Oct. 3, 2001 Group Art Unit: 2853  
 Invention: QUANTIZED FEED SYSTEM FOR  
 SOLID FREEFORM FABRICATION

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Transmitted herewith is an amendment in the above-identified application.

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CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra Claims Present	Rate	Additional Fee
Total Claims	53 -	90 -		X \$9.00	
Indep. Claims	2 -	3 -		X \$44.00	
month extension of time					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					

- ☒ No additional fee is required for amendment.  
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☒ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 20-0900.  
☒ Any additional filing fees required under 37 C.F.R. 1.16.  
☒ Any patent application processing fees under 37 CFR 1.17.

  
 Ralph D'Alessandro, Reg. No. 28,838  
 Attorney for Applicants

Dated: November 2, 2004

3D Systems, Inc.  
 26081 Avenue Hall  
 Valencia, CA 91355  
 (661) 295-5600, ext. 2404

PATENT  
USA.229**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : David Montgomery Varnon  
Jon Jody Fong  
Raymond J. Bishop  
Appl. No. : 09/970,956  
Filed : October 10, 2001  
Title : QUANTIZED FEED SYSTEM FOR  
SOLID FREEFORM FABRICATION  
Grp./A.U. : 2853  
Examiner : Charles W. Stewart Jr.  
Docket No. : USA.229  
Customer No. : 022514

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Carolyn Moore  
Signature

**RESPONSE TO OFFICE ACTION**

Dear Sir:

This Amendment is submitted in reply to the Office Action given in the above-identified application for Letters Patent on August 4, 2004.

Amendments to the claims begin on page 2 of this paper.

Amendments to the specification begin on page 13 of this paper.

Remarks begin on page 17 of this paper.

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